## Sequence Listing

- <110> Goddard, Audrey
   Godowski, Paul J.
   Gurney, Austin L.
   Watanabe, Colin K.
   Wood, William I.
- <120> NOVEL POLYPEPTIDES HAVING SEQUENCE SIMILARITY TO CYTOKINE RECEPTORS AND NUCLEIC ACIDS ENCODING THE SAME
- <130> P3121R1
- <140> US 09/964,994
- <141> 2001-09-26
- <150> PCT/US00/08439
- <151> 2000-03-30
- <150> PCT/US01/06520
- <151> 2001-02-28
- <150> US 60/191,015
- <151> 2000-03-21
- <150> US 09/941,992
- <151> 2001-08-28
- <160> 7
- <210> 1
- <211> 1318
- <212> DNA
- <213> Homo Sapien
- <400> 1
- cagtttette atetgtaaca teaaatqaat aataatacca ateteetaqa 50
- cttcataaga ggattaacaa agacaaaata tgggaaaaac ataacatggc 100
- gtcccataat tattagatct tattattgac actaaaatgg cattaaaatt 150
- accaaaagga agacagcatc tgtttcctct ttggtcctga gctggttaaa 200
- aggaacactg gttgcctgaa cagtcacact tgcaaccatg atgcctaaac 250
- attgctttct aggcttcctc atcagtttct tccttactgg tgtagcagga 300
- actcagtcaa cgcatgagtc tctgaagcct cagagggtac aatttcagtc 350
- ccgaaatttt cacaacattt tgcaatggca gcctgggagg gcacttactg 400
- gcaacagcag tgtctatttt gtgcagtaca aaatcatgtt ctcatgcagc 450
- atgaaaagct ctcaccagaa gccaagtgga tgctggcagc acatttcttg 500
- taacttccca ggctgcagaa cattggctaa atatggacag agacaatgga 550
- aaaataaaga agactgttgg ggtactcaag aactctcttg tgaccttacc 600
- agtgaaacct cagacataca ggaaccttat tacgggaggg tgagggcggc 650
- ctcggctggg agctactcag aatggagcat gacgccgcgg ttcactccct 700





ggtgggaaac aaaaatagat cctccagtca tgaatataac ccaagtcaat 750 ggctctttgt tggtaattct ccatgctcca aatttaccat atagatacca 800 aaaggaaaaa aatgtatcta tagaagatta ctatgaacta ctataccgag 850 tttttataat taacaattca ctagaaaagg agcaaaaggt ttatgaaggg 900 gctcacagag cggttgaaat tgaagctcta acaccacact ccagctactg 950 tgtagtggct gaaatatatc agcccatgtt agacagaaga agtcagagaa 1000 gtgaagagag atgtgtggaa attccatgac ttgtggaatt tggcattcag 1050 caatgtggaa attctaaagc tccctgagaa caggatgact cgtgtttgaa 1100 ggatcttatt taaaattgtt tttgtatttt cttaaagcaa tattcactgt 1150 tacaccttgg ggacttcttt gttatcat tcttttatcc tttatattc 1200 atttgtaaac tatatttgaa cgacattccc cccgaaaaat tgaaatgtaa 1250 agatgaggca gagaataaag tgttctatga aaaaaaaaa aaaaaaaa 1318

<210> 2 <211> 262 <212> PRT

<213> Homo Sapien

<400> 2

Met Pro Lys His Cys Phe Leu Gly Phe Leu Ile Ser Phe Phe Leu
1 5 10 15

Thr Gly Val Ala Gly Thr Gln Ser Thr His Glu Ser Leu Lys Pro 20 25 30

Gln Arg Val Gln Phe Gln Ser Arg Asn Phe His Asn Ile Leu Gln
35 40 45

Trp Gln Pro Gly Arg Ala Leu Thr Gly Asn Ser Ser Val Tyr Phe
50 55 60

Val Gln Tyr Lys Ile Met Phe Ser Cys Ser Met Lys Ser Ser His
65 70 75

Gln Lys Pro Ser Gly Cys Trp Gln His Ile Ser Cys Asn Phe Pro 80 85 90

Gly Cys Arg Thr Leu Ala Lys Tyr Gly Gln Arg Gln Trp Lys Asn
95 100 105

Lys Glu Asp Cys Trp Gly Thr Gln Glu Leu Ser Cys Asp Leu Thr 110 115 120

Ser Glu Thr Ser Asp Ile Gln Glu Pro Tyr Tyr Gly Arg Val Arg 125 130 135

Ala Ala Ser Ala Gly Ser Tyr Ser Glu Trp Ser Met Thr Pro Arg

Phe Thr Pro Trp Trp Glu Thr Lys Ile Asp Pro Pro Val Met Asn 155 160 165

 $\widehat{\phantom{a}}$ 

 $\bigcirc\bigcirc\bigcirc$ 

Ile Thr Gln Val Asn Gly Ser Leu Leu Val Ile Leu His Ala Pro Asn Leu Pro Tyr Arg Tyr Gln Lys Glu Lys Asn Val Ser Ile Glu 190 Asp Tyr Tyr Glu Leu Leu Tyr Arg Val Phe Ile Ile Asn Asn Ser Leu Glu Lys Glu Gln Lys Val Tyr Glu Gly Ala His Arg Ala Val Glu Ile Glu Ala Leu Thr Pro His Ser Ser Tyr Cys Val Val Ala Glu Ile Tyr Gln Pro Met Leu Asp Arg Arg Ser Gln Arg Ser Glu 255 Glu Arg Cys Val Glu Ile Pro <210> 3 <211> 27 <212> DNA <213> Artificial Sequence <220> <223> Synthetic oligonucleotide probe <400> 3 ctggcaacag cagtgtctat tttgtgc 27 <210> 4 <211> 21 <212> DNA <213> Artificial Sequence <220> <223> Synthetic oligonucleotide probe <400> 4 taagtgccct cccaggctgc c 21 <210> 5 <211> 52 <212> DNA <213> Artificial Sequence <220> <223> Synthetic oligonucleotide probe tcctccagtc atgaatataa cccaagtcaa tggctctttg ttggtaattc 50 tc 52 <210> 6 <211> 1705 <212> DNA <213> Homo Sapien <400> 6 tgaaatgact tccacggctg ggacgggaac cttccaccca cagctatgcc 50

Page 3





tctgattggt gaatggtgaa ggtgcctgtc taacttttct gtaaaaagaa 100 ccagctgcct ccaggcagcc agccctcaag catcacttac aggaccagag 150 ggacaagaca tgactgtgat gaggagctgc tttcgccaat ttaacaccaa 200 gaagaattga ggctgcttgg gaggaaggcc aggaggaaca cgagactgag 250 agatgaattt tcaacagagg ctgcaaagcc tgtggacttt agccagaccc 300 ttctgccctc ctttgctggc gacagcctct caaatgcaga tggttgtgct 350 cccttgcctg ggttttaccc tgcttctctg gagccaggta tcaggggccc 400 agggccaaga attccacttt gggccctgcc aagtgaaggg ggttgttccc 450 cagaaactgt gggaagcctt ctgggctgtg aaagacacta tgcaagctca 500 ggataacatc acgagtgccc ggctgctgca gcaggaggtt ctgcagaacg 550 teteggatge tgagagetgt tacettgtee acaceetget ggagttetae 600 ttgaaaactg ttttcaaaaa ccaccacaat agaacagttg aagtcaggac 650 tetgaagtea ttetetaete tggeeaaeaa etttgttete ategtgteae 700 aactgcaacc cagtcaagaa aatgagatgt tttccatcag agacagtgca 750 cacaggeggt ttetgetatt eeggagagea tteaaacagt tggacgtaga 800 agcagctctg accaaagccc ttggggaagt ggacattctt ctgacctgga 850 tgcagaaatt ctacaagete tgaatgteta gaccaggace teceteceee 900 tggcactggt ttgttccctg tgtcatttca aacagtctcc cttcctatgc 950 tgttcactgg acacttcacg cccttggcca tgggtcccat tcttggccca 1000 ggattattgt caaagaagtc attctttaag cagcgccagt gacagtcagg 1050 gaaggtgcct ctggatgctg tgaagagtct acagagaaga ttcttgtatt 1100 tattacaact ctatttaatt aatgtcagta tttcaactga agttctattt 1150 atttgtgaga ctgtaagtta catgaaggca gcagaatatt gtgccccatg 1200 cttctttacc cctcacaatc cttgccacag tgtggggcag tggatgggtg 1250 cttagtaagt acttaataaa ctgtggtgct ttttttggcc tgtctttgga 1300 ttgttaaaaa acagagaggg atgcttggat gtaaaactga acttcagagc 1350 atgaaaatca cactgtcttc tgatatctgc agggacagag cattggggtg 1400 ggggtaaggt gcatctgttt gaaaagtaaa cgataaaatg tggattaaag 1450 tegecagete acceeateat ecettteeet tggtgeeete etttttttt 1550 tatectagte attetteect aatetteeae ttgagtgtea agetgaeett 1600 gctgatggtg acattgcacc tggatgtact atccaatctg tgatgacatt 1650

 $(x) = (x + 1)^{n}$ 

## 

<210> 7 <211> 206 <212> PRT <213> Homo Sapien

<400> 7

Met Asn Phe Gln Gln Arg Leu Gln Ser Leu Trp Thr Leu Ala Arg
1 5 10 15

Pro Phe Cys Pro Pro Leu Leu Ala Thr Ala Ser Gln Met Gln Met
20 25 30

Val Val Leu Pro Cys Leu Gly Phe Thr Leu Leu Leu Trp Ser Gln
35 40 45

Val Ser Gly Ala Gln Gly Gln Glu Phe His Phe Gly Pro Cys Gln
50 55 60

Val Lys Gly Val Val Pro Gln Lys Leu Trp Glu Ala Phe Trp Ala 65 70 75

Val Lys Asp Thr Met Gln Ala Gln Asp Asn Ile Thr Ser Ala Arg
80 - 85 90

Leu Leu Gln Gln Glu Val Leu Gln Asn Val Ser Asp Ala Glu Ser 95 100 105

Cys Tyr Leu Val His Thr Leu Leu Glu Phe Tyr Leu Lys Thr Val 110 115 120

Phe Lys Asn His His Asn Arg Thr Val Glu Val Arg Thr Leu Lys
125 · 130 135

Ser Phe Ser Thr Leu Ala Asn Asn Phe Val Leu Ile Val Ser Gln
140 145 150

Leu Gln Pro Ser Gln Glu Asn Glu Met Phe Ser Ile Arg Asp Ser 155 160 165

Ala His Arg Arg Phe Leu Leu Phe Arg Arg Ala Phe Lys Gln Leu 170 175 180

Asp Val Glu Ala Ala Leu Thr Lys Ala Leu Gly Glu Val Asp Ile 185 190 190

Leu Leu Thr Trp Met Gln Lys Phe Tyr Lys Leu 200 205